



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Kevin F. Corcoran

Confirmation No.: 7901

Application No.: 10/625,280

Group Art Unit: 2661

Filing Date: July 23, 2003

Examiner: Not yet assigned

For: VOICE-OVER-IP NETWORK TEST DEVICE AND METHOD

DATE OF DEPOSIT: April 23, 2004

I HEREBY CERTIFY, THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450

TYPED NAME: Vincent J. Roccia
Registration No. 43,887

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;
or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:
- ☒ Copies of references 1-232 listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. _____, filed _____.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

English language abstracts and/or claims have been provided for those listed references which are not in the English language.

Date: April 23, 2004



Vincent J. Roccia
Registration No. 43,887

WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439


Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Serial No.
10/625,280

Applicant
Kevin F. Corcoran

Confirmation No.
7901

Filing Date
July 23, 2003

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	1	1,547,242	07/28/25	M. E. Strieby	340	310.03
	2	2,298,435	10/13/42	Tunick	250	15
	3	2,577,731	12/11/51	F.C. Berger	179	2.5
	4	3,369,078	02/13/68	Stradley	179	2.5
	5	3,445,814	05/20/69	Spalti	340	151
	6	3,605,009	09/14/71	Enge	323	93
	7	3,641,536	02/08/72	Prosprich	340	870.15
	8	3,656,112	04/11/72	Paull	340	151
	9	3,696,383	10/03/72	Oishi et al.	340	310
	10	3,702,460	11/07/72	Blose	340	150
	11	3,810,096	05/07/74	Kabat et al.	340	147 R
	12	3,846,638	11/05/74	Wetherell	307	3
	13	3,895,370	07/15/75	Valentini	340	310
	14	3,911,415	10/07/75	Whyte	340	310
	15	3,942,168	03/02/76	Whyte	340	310.01
	16	3,942,170	03/02/76	Whyte	340	310
	17	3,962,547	06/08/76	Pattantyus-Abraham	179	2.5 R
	18	3,964,048	06/15/76	Lusk et al.	340	310 R
	19	3,967,264	06/29/76	Whyte et al.	340	310.08
	20	3,973,087	08/03/76	Fong	179	170 R
	21	3,973,240	08/03/76	Fong	340	151
	22	3/993,110	01/18/77	Whyte	179	170 J
	23	4,004,110	01/18/77	Whyte	179	170 J
	24	4,012,733	03/15/77	Whyte	340	310
	25	4,016,429	04/05/77	Vercellotti et al.	307	149
/AQ/	26	4,053,876	10/11/77	Taylor	340	529

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Serial No.
10/625,280

Applicant
Kevin F. Corcoran

Confirmation No.
7901

Filing Date
July 23, 2003

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	27	4,057,793	11/08/77	Johnson et al.	340	310 R
	28	4,060,735	11/29/77	Pascucci et al.	307	3
	29	4,070,572	01/24/78	Summerhayes	250	199
	30	4,119,948	10/10/78	Ward et al.	340	870.02
	31	4,142,178	02/27/79	Whyte et al.	340	310
	32	4,188,619	02/12/80	Perkins	340	310 R
	33	4,239,940	12/16/80	Dorfman	179	2.51
	34	4,250,489	02/10/81	Dudash et al.	340	147 T
	35	4,254,402	03/03/81	Perkins	340	310 R
	36	4,263,549	04/21/81	Toppeto	324	127
	37	4,268,818	05/19/81	Davis et al.	340	870.38
	38	4,323,882	04/06/82	Gajjer	340	310 R
	39	4,357,598	11/02/82	Melvin, Jr.	340	310 A
	40	4,359,644	11/16/82	Foord	307	40
	41	4,367,522	01/04/63	Forstbauer et al.	363	137
	42	4,383,243	05/10/83	Krügel et al.	340	310 R
	43	4,386,436	5/31/83	Kocher et al.	455	151.4
	44	4,408,186	10/04/83	Howell	340	310 A
	45	4,409,542	10/11/83	Becker et al.	324	57 Q
	46	4,413,250	11/01/83	Porter et al.	340	310.01
	47	4,433,284	02/21/84	Perkins	323	361
	48	4,419,621	12/06/83	Becker et al.	324	51
	49	4,433,284	02/21/84	Perkins	323	361
	50	4,442,492	04/10/84	Karlsson et al.	364	464
	51	4,457,014	06/26/84	Bloy	381	98
/AQ/	52	4,468,792	08/28/84	Baker et al.	375	45

EXAMINER /Alsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Applicant
Kevin F. Corcoran

Filing Date
July 23, 2003

Serial No.
10/625,280

Confirmation No.
7901

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	53	4,471,399	09/11/84	Udren	361	64
	54	4,473,816	09/25/84	Perkins	340	310
	55	4,473,817	09/25/84	Perkins	340	310
	56	4,475,209	10/02/84	Udren	375	4
	57	4,479,033	10/23/84	Brown et al.	179	2.51
	58	4,481,501	11/06/84	Perkins	340	310
	59	4,495,386	01/22/85	Brown et al.	455	402
	60	4,517,548	05/14/85	Ise et al.	340	310 R
	61	4,569,045	02/04/86	Schieble et al.	370	85
	62	4,599,598	07/08/86	Komoda et al.	340	310 A
	63	4,642,607	02/10/87	Strom et al.	340	310
	64	4,644,321	02/17/87	Kennon	340	310 A
	65	4,652,855	03/1987	Weikel	340	310
	66	4,675,648	06/23/87	Roth et al.	340	310.07
	67	4,683,450	07/28/87	Max et al.	333	202
	68	4,686,382	08/11/87	Shuey	307	149
	69	4,686,641	08/11/87	Evans	364	580
	70	4,697,166	09/29/87	Warnagiris et al.	340	310 R
	71	4,701,945	10/20/87	Pedigo	379	66
	72	4,724,381	02/09/88	Crimmins	324	127
	73	4,745,391	05/17/88	Gajjar	340	310 A
	74	4,746,897	05/24/88	Shuey	340	310 R
	75	4,749,992	06/07/88	Fitzmeyer et al.	340	870.02
	76	B1 4,749,992	06/11/96	Fitzmeyer et al.	340	870.02
	77	4,766,414	08/23/88	Shuey	340	310 A
/AQ/	78	4,772,870	09/20/88	Reyes	340	310 R

EXAMINER

/Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Serial No.
10/625,280

Applicant
Kevin F. Corcoran

Confirmation No.
7901

Filing Date
July 23, 2003

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	79	4,785,195	11/15/88	Rochelle et al.	307	18
	80	4,800,363	01/24/89	Braun et al.	340	310 A
	81	4,835,517	05/30/89	van der Gracht et al.	340	310 A
	82	4,903,006	02/02/90	Boomgaard	340	310 A
	83	4,904,996	02/27/90	Fernandes	340	870.07
	84	4,912,553	03/27/90	Pal et al.	358	86
	85	4,973,940	11/27/90	Sakai et al.	340	310 R
	86	4,979,183	12/18/90	Cowart	375	142
	87	5,006,846	04/09/91	Granville et al.	340	870.28
	88	5,066,939	11/19/91	Mansfield, Jr.	340	310 R
	89	5,068,890	11/26/91	Nilssen	379	90
	90	5,148,144	09/15/92	Sutterlin et al.	340	310 A
	91	5,151,838	09/29/92	Dockery	340	310 R
	92	5,185,591	02/09/93	Shuey	340	310 A
	93	5,191,467	03/02/93	Kapany et al.	359	341
	94	5,210,519	05/11/93	Moore	340	310
	95	5,257,006	10/26/93	Graham et al.	340	310A
	96	5,301,208	04/05/94	Rhodes	375	36
	97	5,319,634	06/07/94	Bartholomew et al.	370	18
	98	5,351,272	09/27/94	Abraham	375	38
	99	5,359,625	10/25/94	Vander Mey et al.	375	1
	100	5,369,356	11/29/94	Kinney et al.	324	142
	101	5,375,141	10/20/94	Takahashi	375	1
	102	5,406,249	04/11/95	Pettus	340	310.06
	103	5,410,720	04/25/95	Osterman	725	150
/AQ/	104	5,426,360	06/20/95	Maraio et al.	324	126

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Applicant
Kevin F. Corcoran

Filing Date
July 23, 2003

Serial No.
10/625,280

Confirmation No.
7901

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	105	5,432,841	07/11/95	Rimer	455	457
	106	5,448,229	09/05/95	Lee, Jr.	340	870.02
	107	5,461,629	10/24/95	Sutterlin et al.	371	30
	108	5,477,091	12/19/95	Fiorina et al.	307	66
	109	5,485,040	01/16/96	Sutterlin	307	3
	110	5,497,142	03/05/96	Chaffanjon	340	310.06
	111	5,498,956	03/12/96	Kinney et al.	324	142
	112	5,533,054	07/02/96	DeAndrea et al.	375	286
	113	5,559,377	09/24/96	Abraham	307	104
	114	5,579,221	11/26/96	Mun	364	188
	115	5,579,335	11/26/96	Sutterlin et al.	375	200
	116	5,592,482	01/07/97	Abraham	348	8
	117	5,598,406	01/28/97	Albrecht et al.	370	296
	118	5,616,969	04/01/97	Morava	307	91
	119	5,625,863	04/29/97	Abraham	455	3.3
	120	5,630,204	05/13/97	Hylton et al.	455	3.3
	121	5,640,416	06/17/97	Chalmers	375	147
	122	5,664,002	09/02/97	Skinner, Sr.	379	56.2
	123	5,684,450	11/04/97	Brown	340	310.02
	124	5,691,691	11/25/97	Merwin et al.	340	310.02
	125	5,694,108	12/02/97	Shuey	340	310.01
	126	5,705,974	01/06/98	Patel et al.	340	310.08
	127	5,712,614	01/27/98	Patel et al.	340	310.03
	128	5,717,685	02/10/98	Abraham	370	30
	129	5,726,980	03/10/98	Rickard	370	293
	130	5,748,671	05/05/98	Sutterlin et al.	375	206

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Applicant
Kevin F. Corcoran

Filing Date
July 23, 2003

Serial No.
10/625,280

Confirmation No.
7901

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	131	5,770,996	06/23/98	Severson et al.	340	310.08
	132	5,774,526	06/30/98	Propp et al.	379	90.1
	133	5,777,544	07/07/98	Vander Mey et al.	340	310.06
	134	5,777,545	07/07/98	Patel et al.	341	310.06
	135	5,777,769	07/07/98	Coutinho	359	173
	136	5,778,116	07/07/98	Tomich	385	16
	137	5,796,607	08/18/98	Le Van Suu	364	140.01
	138	5,802,102	09/01/98	Davidovici	375	152
	139	5,805,053	09/08/98	Patel et al.	340	310.01
	140	5,818,127	10/06/98	Abraham	307	106
	141	5,818,821	10/06/98	Schurig	370	293
	142	5,828,293	10/27/98	Rickard	340	310.04
	143	5,835,005	11/10/98	Furukawa et al.	340	310.01
	144	5,847,447	12/08/98	Rozin et al.	257	678
	145	5,856,776	01/05/99	Armstrong et al.	340	310.01
	146	5,864,284	01/26/99	Sanderson et al.	340	310.01
	147	5,870,016	02/09/99	Shresthe	340	310.01
	148	5,880,677	03/09/99	Lestician	340	825.06
	149	5,881,098	03/09/99	Tzou	375	152
	150	5,892,430	04/06/99	Wiesman et al.	340	310.01
	151	5,929,750	07/27/99	Brown	340	310.02
	152	5,933,071	08/03/99	Brown	340	310.01
	153	5,933,073	08/03/99	Shuey	340	310.07
	154	5,937,003	08/10/99	Sutterlin et al.	375	208
↓	155	5,937,342	08/10/99	Kline	455	402
/AQ/	156	5,949,327	09/07/99	Brown	340	310.01

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Applicant
Kevin F. Corcoran

Filing Date
July 23, 2003

Serial No.
10/625,280

Confirmation No.
7901

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	157	5,952,914	09/14/99	Wynn	340	310.01
	158	5,963,585	10/05/99	Omura et al.	375	207
	159	5,977,650	11/02/99	Rickard et al.	307	3
	160	5,978,371	11/02/99	Mason, Jr. et al.	370	389
	161	5,982,276	11/09/99	Stewart	340	310.01
	162	5,994,998	11/30/99	Fisher et al.	340	310.01
	163	5,994,999	11/30/99	Ebersohl	340	310.01
	164	6,014,386	01/11/00	Abraham	370	485
	165	6,023,106	02/08/00	Abraham	307	3
	166	6,037,678	03/14/00	Rickard	307	89
	167	6,037,857	03/14/00	Behrens et al.	340	310.03
	168	6,040,759	03/21/00	Sanderson	340	310.01
	169	6,091,932	07/18/00	Langlais	455	5.1
	170	6,104,707	08/15/00	Abraham	370	295
	171	6,140,911	10/2000	Fisher et al.	340	310.01
	172	6,141,634	10/31/00	Flint et al.	703	018
	173	6,144,292	11/07/00	Brown	340	310.02
	174	6,151,330	11/21/00	Liberman	370	449
	175	6,157,292	12/05/00	Piercy et al.	340	310.01
	176	6,172,597 B1	01/09/01	Brown	340	310.02
	177	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
	178	6,212,658 B1	04/03/01	Le Van Suu	714	749
	179	6,226,166 B1	05/01/01	Gumley et al.	361	118
	180	6,229,434 B1	05/08/01	Knapp et al.	340	310.01
	181	6,239,722 B1	05/29/01	Colton et al.	340	870.02
/AQ/	182	6,282,405 B1	08/28/01	Brown	725	79

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Serial No.
10/625,280

Applicant
Kevin F. Corcoran

Confirmation No.
7901

Filing Date
July 23, 2003

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	183	6,297,729 B1	10/02/01	Abali et al.	340	310.01
	184	6,297,730 B1	10/02/01	Dickinson	340	310.01
	185	6,317,031 B1	11/13/01	Rickard	340	310.03
	186	6,331,814 B1	12/18/01	Albano et al.	340	310.01
	187	6,373,376 B1	04/16/02	Adams et al.	340	310.01
	188	6,396,391 B1	05/28/02	Binder	340	310.01
	189	6,396,392 B1	05/28/02	Abraham	340	310.01
	190	6,404,773 B1	06/11/02	Williams et al.	370	463
	191	6,407,987 B1	06/18/02	Abraham	370	295
	192	6,414,578 B1	07/02/02	Jitaru	336	170
	193	6,417,762 B1	07/09/02	Comer	340	310.01
	194	6,425,852 B1	07/30/02	Epstein et al.	600	13
	195	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
	196	6,449,318 B1	09/10/02	Rumbaugh	375	309
	197	6,452,482 B1	09/17/02	Cern	340	310.01
	198	6,480,510 B1	11/12/02	Binder	370	502
	199	6,486,747 B1	11/26/02	DeCramer et al.	333	25
	200	6,492,897 B1	12/10/02	Mowery, Jr.	340	310.01
	201	6,496,104 B2	12/17/02	Kline	340	310.01
	202	6,504,357 B1	01/07/03	Hemming et al.	340	310.01
	203	6,507,573 B1	01/14/03	Brandt et al.	370	335
	204	6,515,485 B1	02/04/03	Bullock et al.	324	601
	205	6,522,626 B1	02/18/03	Greenwood	370	208
	206	6,549,120 B1	04/15/03	deBuda	340	310.01
	207	6,590,493 B1	07/08/03	Rasimas	340	310.01
/AQ/	208	2001/0038329 A1	11/08/01	Diamanti et al.	340	310.01

EXAMINER

/Afsar Qureshi/

DATE CONSIDERED

06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Serial No.
10/625,280

Applicant
Kevin F. Corcoran

Confirmation No.
7901

Filing Date
July 23, 2003

Group
2661

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	209	2001/0038343 A1	11/08/01	Meyer et al.	340	870.02
	210	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
	211	2001/0054953 A1	12/27/01	Kline	340	310.01
	212	2002/0010870 A1	01/24/02	Gardner	713	300
	213	2002/0014884 A1	02/07/02	Chung	324	74
	214	2002/0171535 A1	11/21/02	Cern	340	310.07
	215	2002/0027496 A1	03/07/02	Cern	340	310.01
	216	2002/0041228 A1	04/11/02	Zhang	340	310.01
	217	2002/0048368 A1	04/25/02	Gardner	380	277
	218	2002/0060624 A1	05/23/02	Zhang	340	310.01
	219	2002/0071452 A1	06/13/02	Abraham	370	480
	220	2002/0080010 A1	06/27/02	Zhang	340	310.06
	221	2002/0095662 A1	07/18/02	Ashlock et al.	717	136
	222	2002/0098867 A1	07/25/02	Meiksen et al.	455	560
	223	2002/0098868	07/25/02	Meiksen et al.	455	560
	224	2002/0105413 A1	08/08/02	Cern	340	310.01
	225	2002/0109585 A1	08/15/02	Sanderson	340	310.01
	226	2002/0140547 A1	10/03/02	Litwin, Jr. et al.	340	310.01
	227	2002/0171535 A1	11/21/02	Cern	340	310.07
	228	2003/0062990 A1	04/03/03	Schaeffer, Jr. et al.	340	310.01
	229	2003/0067910 A1	04/10/03	Razazian et al.	370	352
	230	2003/0007576 A1	01/09/03	Alavi et al.	375	329
	231	2003/0090368 A1	05/15/03	Ide	340	310.06
	232	2003/0107477 A1	06/12/03	Ide	340	310.01
	233	S.N. 09/765,910	01/19/01	Kline	-----	-----
/AQ/	234	S.N. 09/805,638	03/14/01	Kline	-----	-----

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CRNT-0141

Serial No.
10/625,280

Applicant
Kevin F. Corcoran

Confirmation No.
7901

Filing Date
July 23, 2003

Group
2661

U. S. PATENT DOCUMENTS


Examiner Initial		Document No.	Date	Name	Class	Subclass
/AQ/	235	S.N. 09/835,532	04/16/01	Kline	-----	-----
	236	S.N. 09/837,972	04/19/01	Kline et al.	-----	-----
	237	S.N. 09/912,633	07/25/01	Kline	-----	-----
	238	S.N. 09/915,459	07/26/01	Kline	-----	-----
	239	S.N. 09/924,730	08/08/01	Kline	-----	-----
	240	S.N. 10/016,998	12/14/01	Kline	-----	-----
	241	S.N. 10/036,914	12/21/01	Mollenkopf et al.	-----	-----
	242	S.N. 10/075,708	02/14/02	Kline	-----	-----
	243	S.N. 10/075,332	02/14/02	Kline	-----	-----
	244	S.N. 10/150,694	05/16/02	Gidge	-----	-----
	245	S.N. 10/165,992	06/10/02	Kline	-----	-----
	246	S.N. 10/176,500	06/21/02	Pridmore, Jr. et al.	-----	-----
	247	S. N. 10/293,799	11/13/02	Huebner	-----	-----
	248	S.N. 10/292,745	11/12/02	Cope et al.	-----	-----
	249	S.N. 10/292,714	11/12/02	Cope	-----	-----
	250	S.N. 10/315,725	12/10/02	Cope et al.	-----	-----
	251	S.N. 10/319,317	12/13/02	Mollenkopf et al.	-----	-----
	252	S.N. 10/348,164	01/21/03	Cope et al.	-----	-----
	253	S.N. 10/385,899	03/10/03	Mollenkopf	-----	-----
↓	254	S.N. 10/436,778	05/13/03	Giannini et al.	-----	-----
/AQ/	255	S.N. 10/434,024	05/08/03	Corcoran et al.	-----	-----

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/AQ/	256	100 08 602 A1	06/07/01	DE	X abstract	
	257	100 12 235 C2	12/20/01	DE	X abstract	
	258	100 26 930 C2	01/30/03	DE	X abstract	
	259	100 26 931 C2	01/23/03	DE	X abstract	
	260	100 42 958 C2	01/16/03	DE	X abstract	
	261	100 47 648 A1	04/25/02	DE	X abstract	
	262	100 48 348 C2	11/28/02	DE	X abstract	
	263	100 59 564 A1	09/12/02	DE	X abstract	
	264	100 61 584 A1	06/20/02	DE	X abstract	
	265	100 61 586 A1	06/20/02	DE	X abstract	
	266	101 00 181 A1	07/18/02	DE	X abstract	
	267	101 03 530 A1	08/29/02	DE	X abstract	
	268	101 46 982 C1	06/18/03	DE	X abstract	
	269	101 47 913 C1	07/03/03	DE	X abstract	
	270	101 47 915 C1	06/23/03	DE	X abstract	
	271	101 47 916 C1	05/28/03	DE	X abstract	
	272	101 47 918 A1	04/24/03	DE	X abstract	
	273	101 19 039 A1	12/05/02	DE	X abstract	
	274	101 19 040 A1	12/05/02	DE	X abstract	
/AQ/	275	197 28 270 A1	01/07/99	DE	X abstract	

EXAMINER /Afsar Qureshi/	DATE CONSIDERED 06/19/2007
---------------------------------	-----------------------------------

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/AQ/	276	0 141 673 A2	05/15/85	EP	X	
	277	0 470 185 B1	11/29/95	EP		
	278	0 581 351 A1	02/02/94	EP		
	279	0 913 955 A2	05/06/99	EP	X abstract	
	280	0 916 194 B1	09/26/01	EP		
	281	0 948 143 A2	10/06/99	EP	X abstract	
	282	0 959 569 A1	11/24/99	EP	X abstract	
	283	1 011 235 A2	6/21/00	EP		
	284	1 011 235 A3	05/02/02	EP		
	285	1 014 640 A2	06/28/00	EP		
	286	1 014 640 A3	07/03/02	EP		
	287	1 021 866 B1	10/23/02	EP		
	288	0 822 721 A2	02/04/98	EP	X abstract	
	289	0 933 883 A2	08/04/99	EP	X abstract	
	290	1 043 866 A2	10/11/00	EP	X abstract	
	291	1 075 091 A1	02/07/01	EP	X abstract	
	292	1 213 849 A1	06/12/02	EP	X abstract	
	293	1 217 760 A1	06/26/02	EP	X abstract	
	294	1 251 646 A2	10/23/02	EP	X abstract	
	295	1 253 699 A2	10/30/02	EP	X abstract	
↓	296	2 122 920 A1	12/16/98	ES	X abstract	
/AQ/	297	2 326 087	07/15/76	FR	X abstract	

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/AQ/	298	1 548 652	07/18/79	GB	X	
	299	2 101 857 A	01/19/83	GB		X
	300	2 293 950 A	04/10/96	GB		
	301	2 315 937 A	02/11/98	GB		
	302	2 331 683 A	05/26/99	GB		
	303	2 335 335 A	09/15/99	GB		
	304	2 341 776 A	03/22/00	GB		
	305	2 342 264 A	04/05/00	GB		
	306	2 347 601 A	09/06/00	GB		
	307	1276933	11/07/89	JP		
	308	276741	07/28/98	NZ		
	309	84/01481 A1	04/12/84	WO	X	
	310	90/13950 A2	11/15/90	WO	X	
	311	92/16920 A1	10/01/92	WO		
	312	93/07693 A1	04/15/93	WO		
	313	95/29536 A1	11/02/95	WO		
	314	98/01905 A1	01/15/98	WO		
	315	98/33258 A2	07/30/98	WO		
	316	98/33258 A3	07/30/98	WO		
	317	98/40980 A1	09/17/98	WO		
↓	318	00/59076 A1	10/05/00	WO		
/AQ/	319	00/60701 A1	10/12/00	WO		

EXAMINER /Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
/AQ/	320	01/08321 A1	02/01/01	WO	X abstract	
	321	01/43305 A1	06/14/01	WO	X abstract	
	322	01/82497 A1	11/01/01	WO		
	323	02/054605 A1	07/11/02	WO		
	324	99/59261 A1	11/18/99	WO	X abstract	
	325	00/16496 A2	03/23/00	WO	X abstract	
	326	00/60822 A1	10/12/00	WO	X abstract	
	327	01/50625 A2/A3	07/12/01	WO	X abstract	
	328	01/50628 A1	07/12/01	WO	X abstract	
	329	01/50629 A1	07/12/01	WO	X abstract	
	330	01/63787 A1	08/30/01	WO	X abstract	
	331	02/17509 A1	02/28/02	WO	X abstract	
	332	02/37712 A1	05/10/02	WO	X claims/ abstract	
↓ /AQ/	333	03/30396 A2	04/10/03	WO	X abstract	

Form PTO-1449 Modified	Docket No. CRNT-0141	Serial No. 10/625,280
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Kevin F. Corcoran	Confirmation No. 7901
U.S. Department of Commerce Patent and Trademark Office	Filing Date July 23, 2003	Group 2661

Examiner**Initial****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/AQ/	334	Patent Abstracts of Japan, Japanese Publication No. 10200544 A2, published July 31, 1998 , (Matsushita Electric Works, LTD)
	335	Tohoku Electric Power, Co., Inc., "Tohoku Electric Develops High-Speed Communications System Using Power Distribution Lines," <i>Tohoku Currents</i> , Spring 1998, 8(1) , 2 pages (http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm)
	336	Power Line Communications Conference entitled, "PLC, A New Competitor in Broadband Internet Access," December 11-12, 2001 , Washington, D.C., 60 pages
	337	Rivkin, S. R., "Co-Evolution of Electric & Telecommunications Networks," <i>The Electricity Journal</i> , May 1998, 71-76
	338	Marketing Assessment Presentation entitled "Powerline Telecommunications," The Shigler Group for CITI PLT, July 16, 2002 , 9 pages
	339	Campbell, C., presentation entitled "Building a Business Case for PLC: Lessons Learned From the Communication Industry Trenches," KPMG Consulting, July 16, 2002 , 5 pages
	340	"Embedded Power Line Carrier Modem," Archnet Electronic Technology, http://www.archnetco.com/english/product/ATL90.htm , 2001 , 3 pages
	341	"Archnet: Automatic Meter Reading System Power Line Carrier Communication", www.archnetco.com/english/product/product_sl.htm , 3 pages
	342	"Power Line Communications Solutions", www.echelon.com/products/oem/transceivers/powerline/default.htm , 2 pages
	343	"Texas Instruments: System Block Diagrams; Power Line Communication (Generic)", http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdlid=638 , 1 page
	344	Feduschak, N.A., "Waiting in the Wings: Is Powerline Technology Ready to Compete with Cable?", March 2001 , www.cabletoday.com/ic2/archives/0301/0301powerline.htm , 5 pages
	345	"Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kHz to 148.5kHz-Part 4: Filters at the Interface of the Indoor and Outdoor Electricity Network", <i>CLC SC 105A (Secretariat)</i> May 1992 , 62, 1-11
 /AQ/	346	"Intellon Corporation Test Summary for Transformerless Coupler Study", <i>Intellon No News Wires</i> , December 24, 1998 , DOT/NHTSA Order No. DTNH22-98-P-07632, pp 1-18

EXAMINER /Afsar Qureshi/**DATE CONSIDERED** 06/19/2007

Form PTO-1449 Modified	Docket No. CRNT-0141	Serial No. 10/625,280
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Kevin F. Corcoran	Confirmation No. 7901
U.S. Department of Commerce Patent and Trademark Office	Filing Date July 23, 2003	Group 2661

Examiner**Initial****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/AQ/	347	EMETCON <i>Automated Distribution System</i> , ABB Power T & D Company, Inc., January 1990 , Raleigh, North Carolina, No B-919A, 14 pages
	348	"Dedicated Passive Backbone for Power Line Communications", <i>IBM Technical Disclosure Bulletin</i> , July 1997 , 40(7), 183-185
	349	Coaxial Feeder Cables [Engineering Notes]", <i>PYE Telecommunications Limited Publication Ref No. TSP507/1</i> , June 1975 , Cambridge, England, 15 pages
	350	"Centralized Commercial Building Applications with the Lonworks ® PLT-21 Power Line Transceiver", <i>Lonworks Engineering Bulletin</i> , Echelon, April 1997 , pp 1-22
	351	"Plexeon Logistics, Inc., "Power Line Communications", www.plexeon.com/power.html , 2 pages
	352	"EMETCON Automated Distribution System: Communications Guide", <i>Westinghouse ABB Power T & D Company Technical Manual 42-6001A</i> , September 1989 , 55 pages
↓	353	Abraham, K.C. et al., "A Novel High-Speed PLC Communication Modem", <i>IEEE Transactions on Power Delivery</i> , 1992 , 7(4), 1760-1768
/AQ/	354	J.M. Barstow., "A Carrier Telephone System for Rural Service", <i>AIEE Transactions</i> , 1947 , 66, 301-307
↓	355	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> , Volume II-Communication, Control, Devices and Systems , John Wiley & Sons, 617-627
	356	Chen, Y-F. et al. "Baseband Transceiver Design of a 128-Kbps Power-Line Modem for Household Applications", <i>IEEE Transactions on Power Delivery</i> , 2002 , 17(2), 338-344
	357	Coakley, N.G. et al., "Real-Time Control of a Servosystem Using the Inverter-Fed Power Lines to Communicate Sensor Feedback", <i>IEEE Transactions on Industrial Electronics</i> , 1999 , 46(2), 360-369
	358	Esmailian, T. et al., "A Discrete Multitone Power Line Communication System", <i>Department of Electrical and Computer Engineering</i> , University of Toronto, Ontario Canada, 2000 IEEE , pp 2953-2956
	359	Kawamura, A. et al., "Autonomous Decentralized Manufacturing System Using High-speed Network with Inductive Transmission of Data and Power", <i>IEEE</i> , 1996 , 940-945
/AQ/	360	Kilbourne, B. "EEI Electric Perspectives: The Final Connection", www.eei.org/cp/editorial/Jul-01/0701conenct.htm , 7 pages

EXAMINER

/Afsar Qureshi/

DATE CONSIDERED 06/19/2007

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

Examiner**Initial****OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/AQ/	361	Kim, W-O., et al., "A Control Network Architecture Based on EIA-709.1 Protocol for Power Line Data Communications", <i>IEEE Transactions on Consumer Electronics</i> , 2002, 48(3), 650-655
	362	Lim, C.K. et al., "Development of a Test Bed for High-Speed Power Line Communications", School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, <i>IEEE</i> , 2000, 451-456
	363	Lokken, G. et al., "The Proposed Wisconsin electric Power Company Load Management System Using Power Line Carrier Over Distribution Lines", 1976 <i>National Telecommunications Conference, IEEE</i> , 1976, 2.2-12.2-3
	364	Marthe, E. et al., "Indoor Radiated Emission Associated with Power Line Communication Systems", <i>Swiss Federal Institute of Technology Power Systems Laboratory IEEE</i> , 2001, 517-520
	365	Naredo, J.L. et al., "Design of Power Line Carrier Systems on Multitransposed Delta Transmission Lines", <i>IEEE Transactions on Power Delivery</i> , 1991, 6(3), 952-958
	366	Nichols, K., "Build a Pair of Line-Carrier Modems", <i>CRC Electronics-Radio Electronics</i> , 1988, 87-91
	367	Okazaki, H. et al., "A Transmitting, and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines", <i>IEEE</i> , 1998, pp VI-522-VI-528
	368	B. Don Russell, "Communication Alternatives for Distribution Metering and Load Management", <i>IEEE Transactions on Power Apparatus and Systems</i> , 1980, Vol PAS-99(4), pp 1448-1455
	369	Sado, WN. et al., "Personal Communication on Residential Power Lines- Assessment of Channel Parameters", <i>IEEE</i> , 532-537
	370	LONWORKS Engineering Bulletin, "Demand Side Management with LONWORKS® Power Line Transceivers," December 1996, 36 pages
	371	HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, May 19, 2000, 109 pages
	372	HomePlug™Powerline Alliance, HomePlug 0.5 Draft Medium Interface Specification, November 28, 2000, 133 pages
	373	HomePlug™Powerline Alliance, HomePlug Initial Draft Medium Interface Specification, July 27, 2000, 109 pages
↓ /AQ/	374	HomePlug™Powerline Alliance, HomePlug 1.01 Specification, December 1, 2001, 139 pages

EXAMINER /Afsar Qureshi/**DATE CONSIDERED** 06/19/2007

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

Examiner Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
/AQ/	375	Summary of an IEEE Guide for Power-Line Carrier Applications, A Report by the Power System Communications Committee, <i>IEEE Transactions on Power Apparatus and Systems</i> , Vol. PAS-99, No. 6, Nov./Dec. 1980, 2334-2337
	376	De Wilde, W. R. et al., "Upwards to a Reliable Bi-Directional Communication Link on the LV Power Supplies for Utility Services: Field Tests in Belgium," pp. 168-172
	377	Tanaka, M., "Transmission Characteristics of a Power Line Used for Data Communications at High Frequencies," <i>IEEE Transactions on Consumer Electronics</i> , February 1989, Vol. 35, No. 1, pp. 37-42
	378	Hasler, E. F. et al., "Communication Systems Using Bundle Conductor Overhead Power Lines," <i>IEEE Transactions on Power Apparatus and Systems</i> , March/April 1975, Vol. PAS-94, No. 2, pp. 344-349
	379	IEEE Guide for Power-Line Carrier Applications, ANSI/IEEE Std 643-1980, ©1980 by The Institute of Electrical and Electronics Engineers, Inc., pp. 1-80
	380	Hatori, M. et al., "HOME INFORMATIZATION AND STANDARDIZATION OF HOME BUS," <i>IEEE Transactions on Consumer Electronics</i> , August 1986, Vol. CE-32, No. 3, pp. 542-549
	381	Hunt, J. M. et al., "Electrical Energy Monitoring and Control System for the Home," <i>IEEE Transactions on Consumer Electronics</i> , August 1986, Vol. CE-32, No. 3, pp. 578-583
	382	Gutzwiller, F. W. et al., "Homenet: A Control Network for Consumer Applications," <i>IEEE Transactions on Consumer Electronics</i> , August 1983, Vol. CE-29, No. 3, pp. 297-304
	383	Burrascano, P. et al., "Digital Signal Transmission on Power Line Carrier Channels: An Introduction," <i>IEEE Transactions on Power Delivery</i> , January 1987, Vol. PWRD-2, No. 1, pp. 50-56
	384	Burr, A. G. et al., "Effect of HF Broadcast Interference on PowerLine Telecommunications Above 1 Mhz," ©1998 IEEE, pp. 2870-2875
	385	Onunga, J. et al., "Distribution Line Communications Using CSMA Access Control with Priority Acknowledgements," <i>IEEE Transactions on Power Delivery</i> , April 1989, Vol. 4, No. 2, pp. 878-886
	386	Tanaka, M., "High Frequency Noise Power Spectrum, Impedance and Transmission Loss of Power Line in Japan on Intrabuilding Power Line Communications," <i>IEEE Transactions on Consumer Electronics</i> , May 1988, Vol. 34, No. 2, pp. 321-326
/AQ/	387	Meng, H. et al., "A Transmission Line Model for High-Frequency Power Line Communication Channel," ©2002 IEEE, pp. 1290-1295

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CRNT-0141	Serial No. 10/625,280
	Applicant Kevin F. Corcoran	Confirmation No. 7901
	Filing Date July 23, 2003	Group 2661

Examiner Initial		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
/AQ/	388	Burrascano, P. et al., "Performance Evaluation of Digital Signal Transmission Channels on Cororating Power Lines," ©1988 IEEE, pp. 365-368
	389	DiClementi, D. A. et al., "Electrical Distribution System Power Line Characterization," ©1996 IEEE, pp. 271-276
	390	Abraham, K. C. et al., "A Novel High-Speed PLC Communication Modem," IEEE Transactions on Power Delivery, October 1992, Vol. 7, No. 4, pp. 1760-1768
	391	Yoshitoshi, M. et al., "PROPOSED INTERFACE SPECIFICATIONS FOR HOME BUS," IEEE Transactions on Consumer Electronics, August 1986, Vol. CE-32, No. 3, pp. 550-557
	392	O'Neal, Jr., J. B., "The Residential Power Circuit as a Communication Medium," IEEE Transactions on Consumer Electronics, August 1986, Vol. CE-32, No. 3, pp. 567-577
	393	Dostert, K., "EMC Aspects of High Speed Powerline Communications," Proceedings of the 15 th International Wroclaw Symposium and Exhibition on Electromagnetic Capability, June 27-30, Wroclaw, Poland, pp. 98-102
	394	International Search dated July 16, 2001, from PCT/US01/12699
	395	Written Opinion dated May 15, 2002, from PCT/US01/12699
	395	International Search Report dated October 22, 2001, from PCT/US01/12291
	397	International Search Report dated June 5, 2002, from PCT/US01/48064
	395	International Search Report dated June 24, 2002, from PCT/US02/04310
	399	Written Opinion dated August 20, 2003, from PCT/US02/04310
	400	International Search Report dated August 7, 2002, from PCT/US02/04300
/AQ/	401	Written Opinion dated March 21, 2003, from PCT/US02/04300